

Notes:

### SECTION

1. TREES SHALL NOT BE ROOT-BOUND. CAREFULLY SCARIFY ROOTBALL BEFORE PLANTING, IF DIRECTED.
2. REMOVE ANY SPROUTS/SHOOTS WITHIN 6" OF SOIL.
3. CONFIRM POSITIVE DRAINAGE OF PLANT PIT PRIOR TO PLANTING TREE. INSTALL DRAIN AS PER TREETWELL DETAIL 448. DRAINAGE RATE OF ALL MATERIALS, INCLUDING MULCH, SHOULD BE NO LESS THAN 1/4" PER HOUR AND NOT EXCEED 2" PER HOUR.
4. (2) DEEPWATERING TUBES PER TREE & (2) ADJUSTABLE BUBBLERS PER TREE.
5. LOCATE DEEP WATERING TUBES PER DETAIL 448.
6. WHEN TREE GRATES ARE USED, LOWER ALL FEATURES SHOWN WITHIN THE TREE PIT BY 3".

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING  
NO. 448

REVISION	DATE	DESIGNED: MK
		DRAWN: TS
		CHECKED: JK

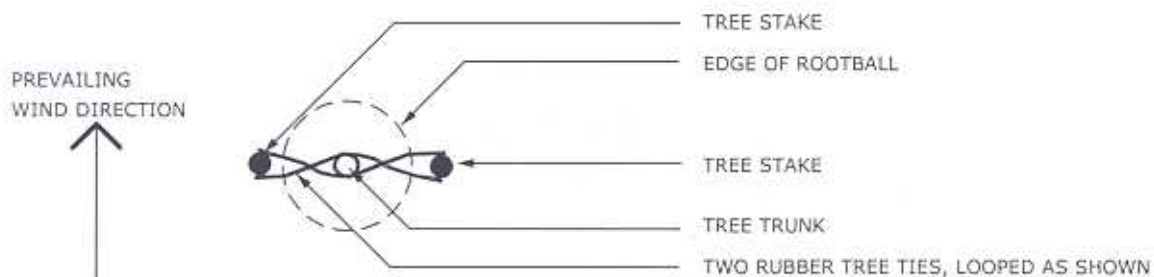
## STREET TREE PLANTING AT TREE WELLS & MEDIANS

ORIGINAL: 10/08/91  
DATE

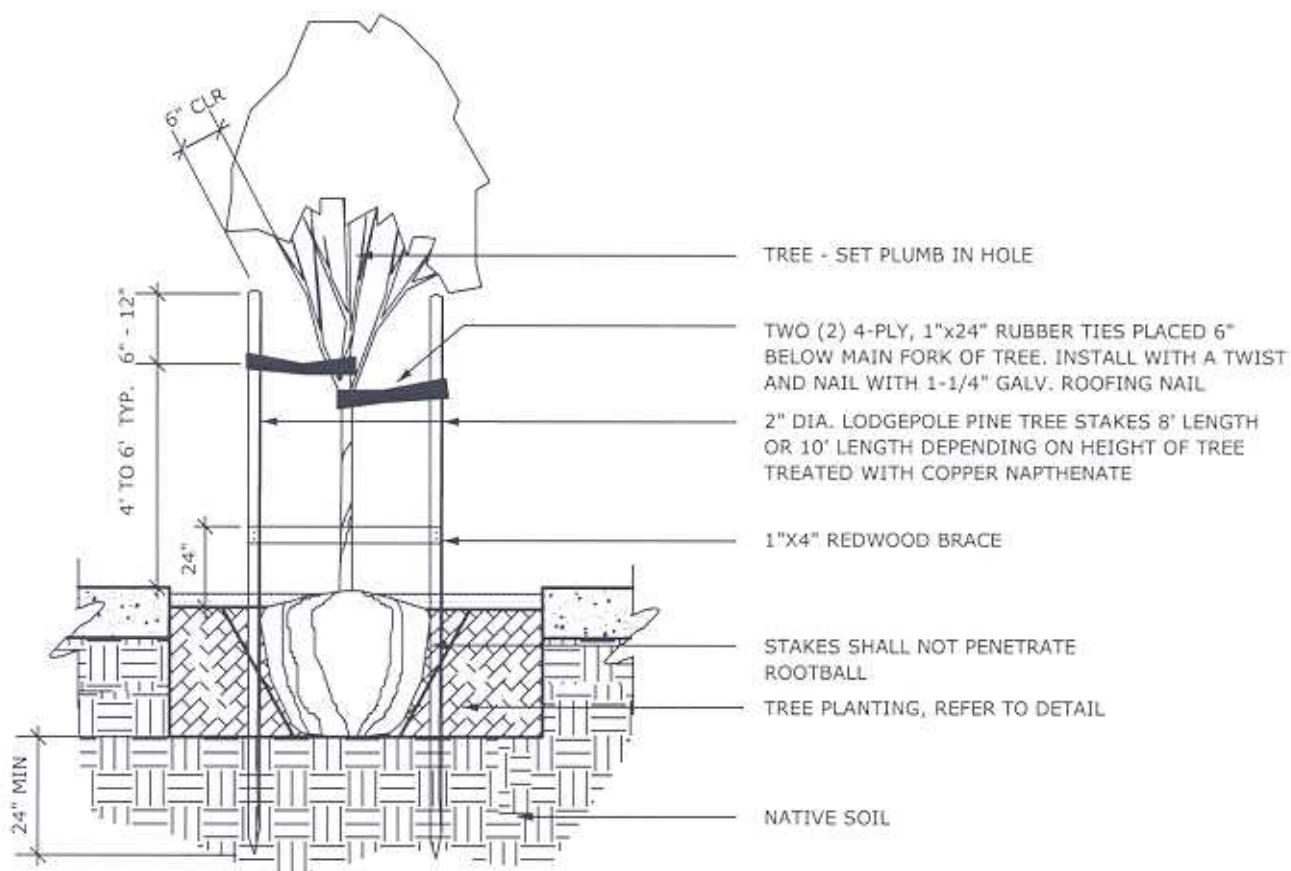
APPROVED BY: *Daniel M. McNeely*  
CITY ENGINEER

DATE: 07/20/02

SHEET 1 OF 5



## SECTION



## SECTION

### Notes:

1. PROVIDE TWO STAKES AND TIES AS SHOWN.

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING

NO. 448

REVISION

DATE

DESIGNED: MK

TREE STAKING

DRAWN: TS

CHECKED: JK

ORIGINAL DATE: 10/08/91

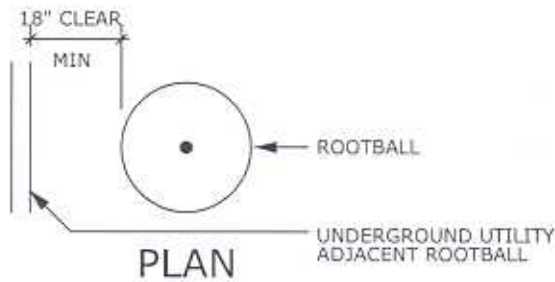
APPROVED BY:

CITY ENGINEER

DATE: 07/20/02

SHEET 2 OF 5

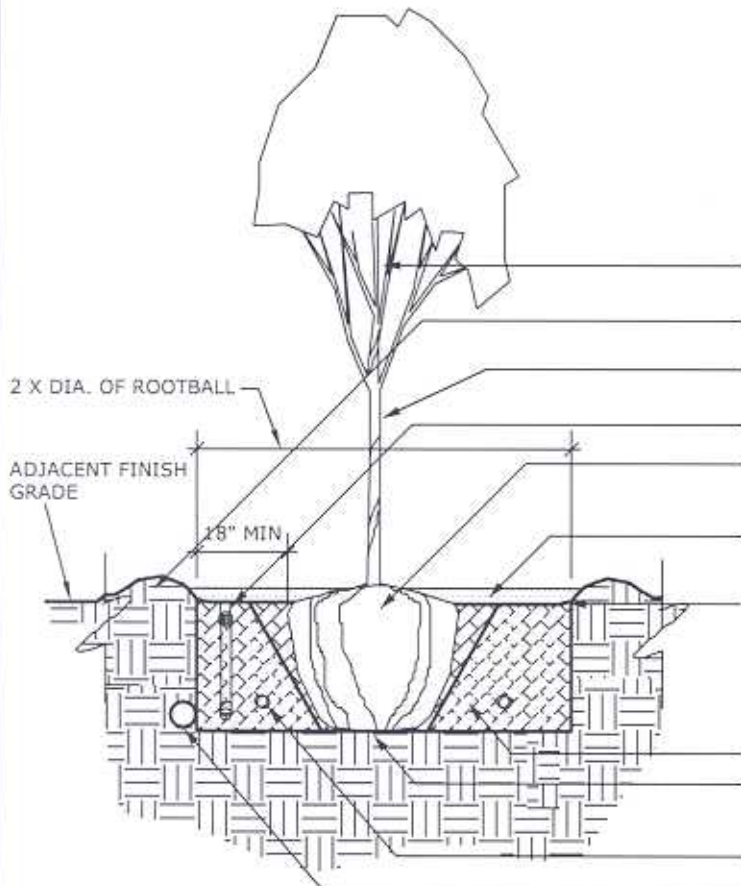




**FERTILIZER TABLET CHART:  
TREE SIZE OR CALIPER**

**NUMBER OF FERTILIZER TABLETS  
(SPACED EVENLY AROUND TREE)**

5 GALLON	2
15 GALLON	2
24" BOX, 2" CALIPER	4
30" BOX, 2 1/2" CALIPER	4
36" BOX, 3" CALIPER	6
48" BOX, 4" CALIPER	6
60" BOX, 5" CALIPER	8



- TREE SET PLUMB AND CENTERED IN HOLE - FOR STAKING, REFER TO DETAIL 448
- 3" HIGH DIA. WATERING BASIN AROUND TREE, DIA. = 15" LARGER THAN CONTAINER SIZE MEASURED ON THE DIAGONAL
- MIN. 24" BOX SIZE TREE WITH A MIN. CALIPER OF 2" MEASURED 6" ABOVE ROOTBALL
- BUBBLER ON FLEX. HOSE PVC, REFER TO DETAIL I-6, 2 PER TREE
- INSTALL TREE WITH THE ROOT CROWN 3" ABOVE TOP SOIL AND ADJACENT FINISH GRADE
- FILL BASIN WITH 2" LAYER OF MULCH
- HOLD TOP OF SOIL LEVEL WITH ADJACENT FINISH GRADE
- STRUCTURAL SOIL OR AMENDED BACKFILL
- SET ROOT BALL ON UNDISTURBED SURFACE; SCARIFY SIDES OF PIT WITH PICK, DO NOT OVEREXCAVATE PLANT PIT
- FOUR SLOW-RELEASE FERTILIZER TABLETS, SEE CHART ABOVE
- UNDERGROUND UTILITY LINE

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4. (2) DEEPWATERING TUBES PER TREE & (2) BUBBLERS ON FLEX HOSE PVC PER TREE.
5. LOCATE DEEP WATERING TUBES PER DETAIL 448. CAPPED TOP OF TUBE TO BE SET 2" ABOVE TOP OF SOIL, FLUSH WITH MULCH.

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING  
NO. 448

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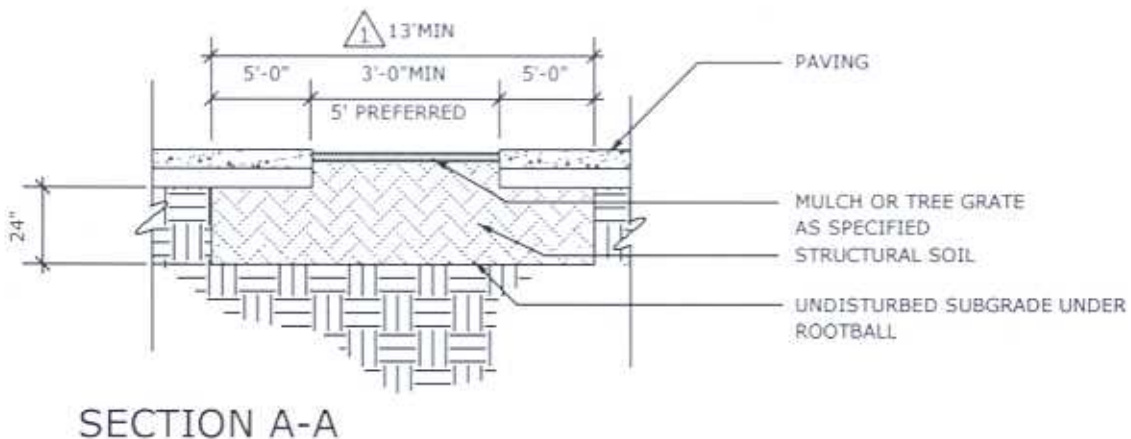
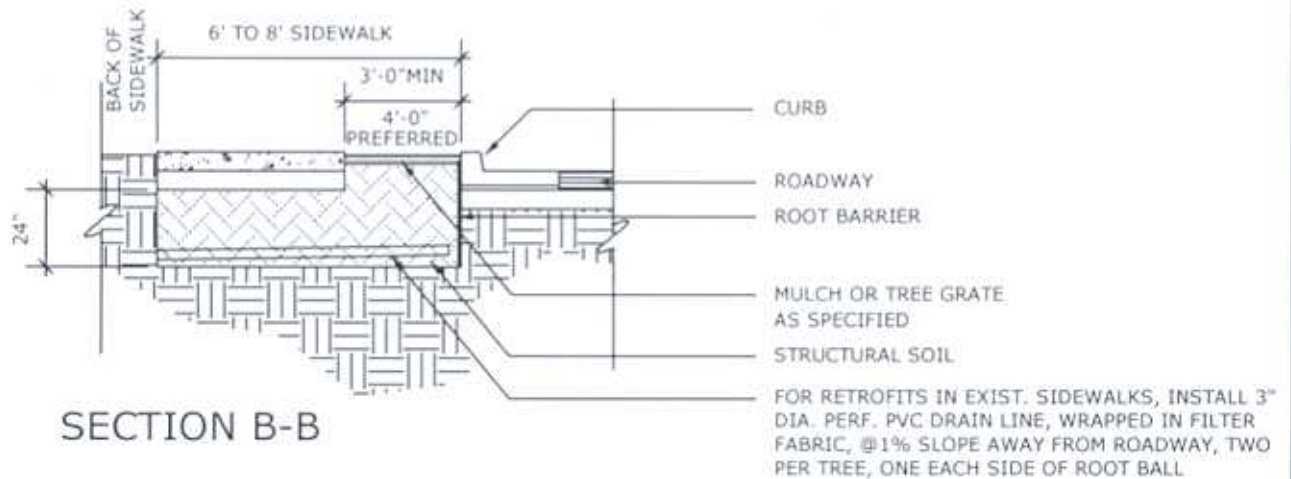
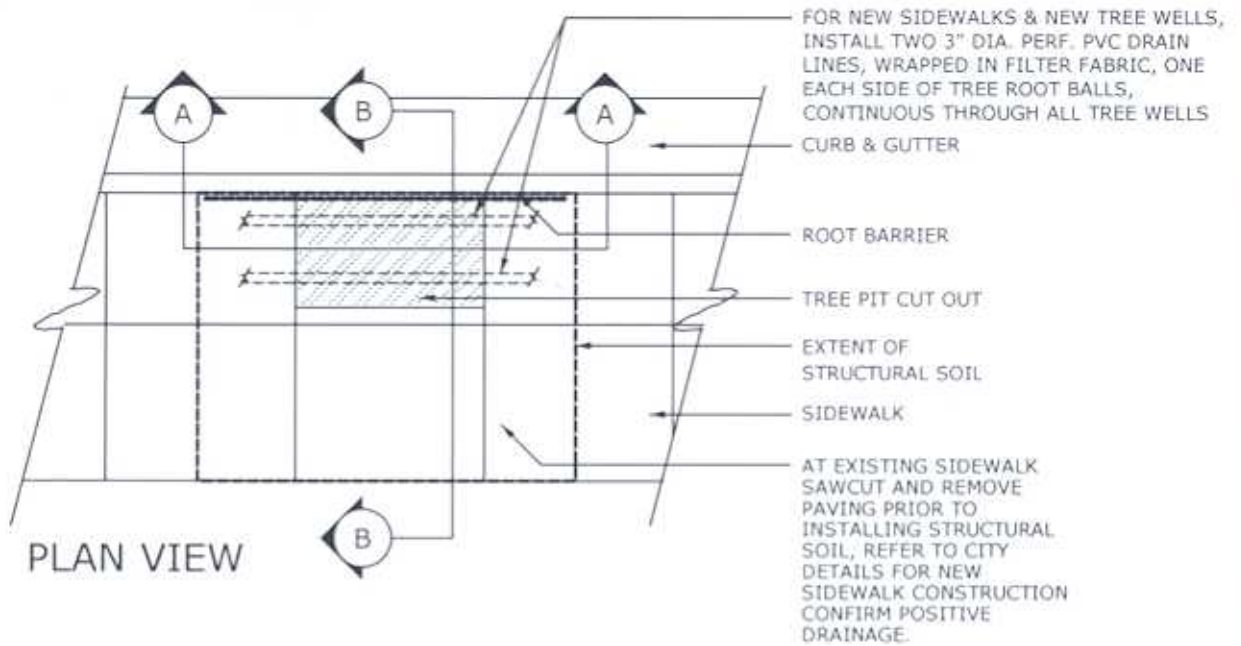
**TREE PLANTING  
IN PLANTER AREA**

ORIGINAL: 10/08/91  
DATE

APPROVED BY: *[Signature]*  
CITY ENGINEER

DATE: 07/20/02

SHEET 3 OF 5



NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING  
NO. 448

REVISION DATE DESIGNED: MK

STREET TREE PLANTING  
IN TREE WELL

ORIGINAL: 10/08/91  
DATE

1

5/16/07

DRAWN: JH

CHECKED: MK

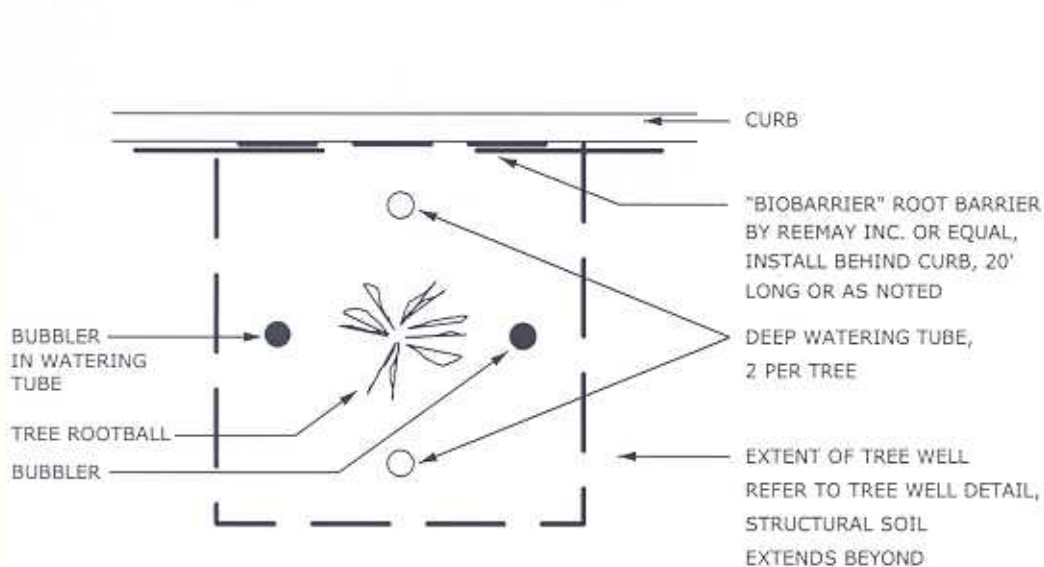
1 APPROVED BY:

CITY ENGINEER

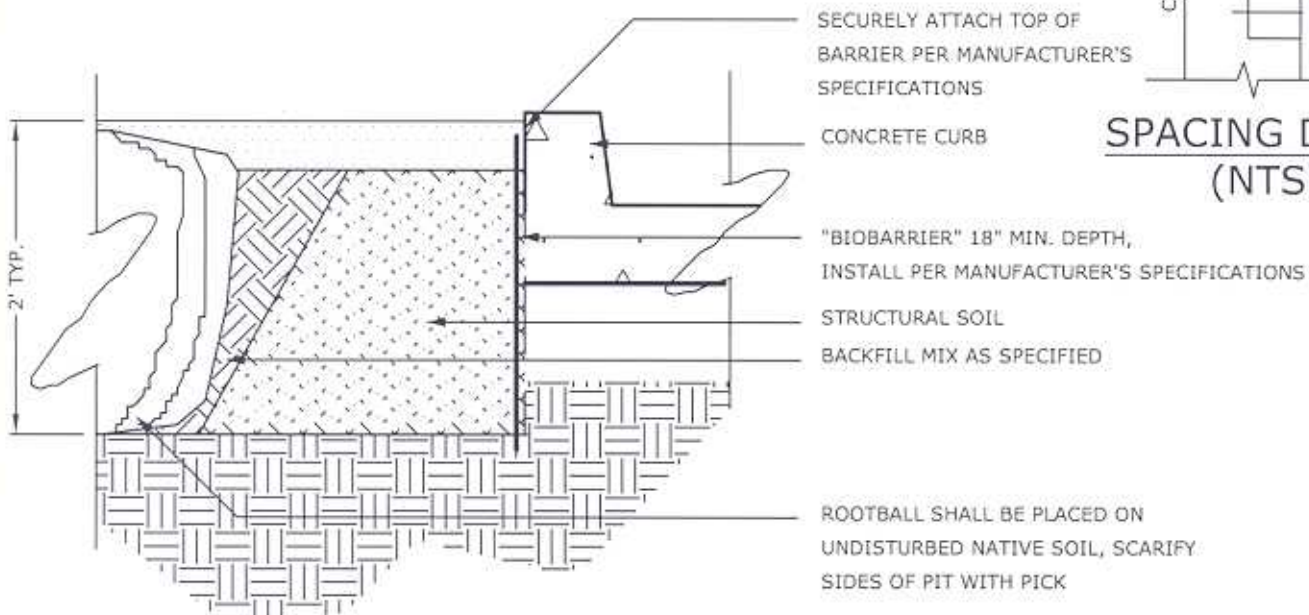
DATE: 05/16/07

SHEET 4 OF 5

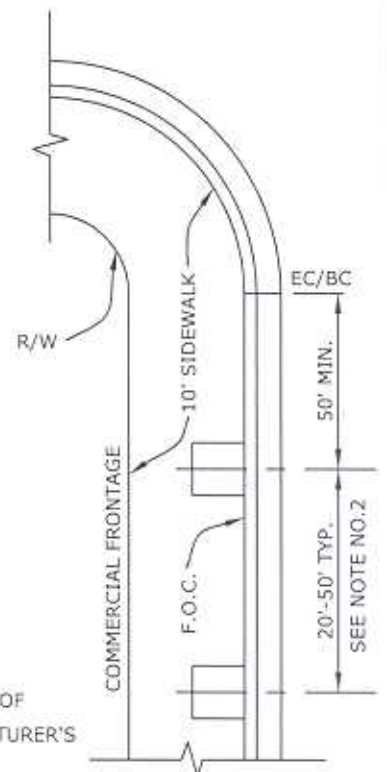




PLAN (NTS)



SECTION (NTS)



SPACING DETAIL  
(NTS)

### Notes:

1. ROOT BARRIER IS REQUIRED WHEN THE CENTERLINE OF THE TREE IS WITHIN EIGHT FEET OF STREET CURB OR PAVING.
2. ONE STREET TREE SHALL BE PROVIDED PER RESIDENTIAL LOT PER STREET, OR AS SHOWN ON PLANS APPROVED BY THE CITY ENGINEER. SPACING WILL VARY DEPENDING ON TREE SPECIES, IN GENERAL, THE SPACING SHALL BE EQUAL TO THE MATURE CANOPY DIAMETER.

NOT TO SCALE

CITY OF MILPITAS, ENGINEERING DIVISION

STANDARD DRAWING  
NO. 448

REVISION	DATE	DESIGNED: MK
		DRAWN: TS
		CHECKED: JK

STREET TREE  
PLANTING

ORIGINAL: 10/08/91  
DATE

APPROVED BY: *Ronald M. Miller*  
CITY ENGINEER

DATE: 07/20/02

SHEET 5 OF 5